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**TCS-990-57  
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**ARC-M-36**

**AD HOC REQUIREMENTS COMMITTEE ON PROJECT AQUATONE (ARC)**

**Minutes of Meeting Held in Room 214  
Administration Building, Central Intelligence Agency  
at 2:00 p.m., 26 February 1957**

**James Q. Reber  
Chairman**

**P R E S E N T**

**Col. William A. Dodds, OACSI  
Col. Quintin S. Lander, OACSI  
Lt. Col. Byrd Sergeant, OACSI  
Major J. P. Ruppert, OACSI  
Major Donald Conroy, USMC  
Col. James H. Macia, Jr., AFOIN  
Mr. Paul J. Nelson, AFOIN**

**Mr. Arthur C. Lundahl, CIA**

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DEW Line Query from the Army

4. The Chairman referred to a memorandum he had received from the office of the ACSI dated 18 February 1957 inquiring as to the desirability of receiving such information as was available of reactions of the US early warning system to AQUATONE test flights on this continent. The Chairman requested the Army, Navy, and Air Force to give this matter further thought and then advise him if they thought necessary what AQUATONE Operations might usefully do in this connection. It was mentioned by Colonel Macia that it was his tentative thought that a much more useful way to test the early warning system would be to plan an operation for that very purpose.

Review of [REDACTED] Performance

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5. The Chairman called attention to a recent message from the field which invited a critique of [REDACTED] reports for the enlightenment of the [REDACTED] PIs. [REDACTED] indicated a need for an evaluation of the [REDACTED] performance even as post-mortems are conducted on national estimates. After some discussion, the Chairman requested the participating agencies to provide to him such evaluation and critique of the [REDACTED] operations and particularly [REDACTED] reports as they wished and said that when he had received them he would bring all of them to the ARC table for a discussion.

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Re-examination of Need for [REDACTED] Missions

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6. The Committee re-affirmed that

a. At such time in the near future as Operations did conduct flights over the Middle East they would appreciate reports on the requirements last levied (reference: TCS-798-57, 1 February 1957), and

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b. That the Committee's views as stated in that memorandum with regard to the continuation of Middle East overflights were still valid.

7. The Air Force representative stated that he wished to consult on this matter and would inform the Chairman of the Air Force view. The Chairman stated that if the Air Force did have a different view he would bring the matter to the attention of the Committee.

Justification for Penetration (TCS-935-57 SC 01239/57)

8. The Chairman distributed to the principals of the Committee copies of the paper by the above title and reference pointing out that this paper was an effort to answer a need in the preparation of briefing materials for the President for more detailed information. He invited the Army, Navy, and Air Force to advise of improvements which they would recommend. He indicated that he was not submitting this paper for coordination inasmuch as it represented only a working sheet in elaboration of the basic agreed paper entitled "Justification for Penetration Flights by AQUATONE Based on Intelligence Requirements" (TCS-912-57 SC-01209/57 dated 13 February 1957). He urged the Services to get their comments to him promptly and noted especially that Navy's suggestions on KLYUCHI presented in the same format as the rest of the items would be very helpful. In this connection, the Air Force noted that it had come to share the Navy's view on the importance of KLYUCHI as a target for the select list.

Revision of High Priority List

9. Copies of a draft paper containing a revision of the high priority list for the Soviet Union (both in Europe and Asia) were distributed with the explanation that they represented an effort to bring together the revisions proposed by all participating agencies with reference to the earlier draft of July 1956 (TS-158376). It was agreed that on Thursday afternoon at 2 o'clock the members would reconvene, each with a single copy bearing annotations to correct this draft as regards spelling, coordinates, B. E. numbers, category of primary and category of secondary interest. It was agreed that the final paper would be presented as follows: an introductory explanatory statement followed by all of the explanations relating to the categories of interest. Thereafter, there would be a single alphabetical list of all Soviet Union (western and eastern) targets which would contain the following: name, coordinate, B. E. number, category of primary interest and other categories of interest, eliminating the column which indicated the agencies having an interest. The question was raised as to whether coordinates are required for specific targets such as rail centers or industrial plants located in a city. [REDACTED] noted that the scope of the camera would embrace approximately 35 miles and thus

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if the coordinate was indicated outlying targets within that scope would be included. The Chairman noted, however, that within this explanation each member should make his own decision as to whether factories and other items within a city complex should for safety's sake bear specific coordinates. Such as were received would be listed immediately under the relevant city.

Requirements List for [REDACTED]

10. Mr. Lundahl called attention to the fact that oral reports from the [REDACTED] received through returning personnel indicated some confusion among [REDACTED] personnel as to who originated the requirements that HTA sends to the field in the case of each mission. Attention was called to the fact that the SOP on [REDACTED] makes clear that messages beginning "This is a coordinated [REDACTED] message" should leave no doubt on this point. However, the Chairman stated that he would arrange for a coordinated message to go out making this point clear. In so far as individual agencies' representatives at [REDACTED] feel a necessity for answering theatre requirements to the detriment of completing the coordinated [REDACTED] requirements, it was his feeling that each Service member of ARC should look into this matter for further consideration by ARC if necessary.

LOG-E-TRONICS for [REDACTED]

11. Mr. Lundahl reported that it was the view of the PI experts in the participating agencies that LOG-E-TRONIC printers which have been thoroughly tested in Headquarters would be extremely useful for the making of file prints in the [REDACTED]. Colonel Macia suggested that a coordinated message go out to the [REDACTED] Commanders explaining this equipment with which they may not be familiar and inviting them if they wish to levy a requirement for LOG-E-TRONIC printers on the ZI Headquarters. Upon the receipt of such, AFOIN would be in a position to act or if unable to do so would bring the matter to the attention of ARC.

12. Mr. Lundahl also noted that LOG-E-TRONIC enlargers would shortly be available. The Chairman suggested that after testing of this equipment consideration might then be given likewise to similar action with regard to LOG-E-TRONIC enlargers for [REDACTED].

Security

13. [REDACTED] the CIA/TSO, called attention to security violations in recent weeks and indicated his concern at the increase. He noted that he felt it his responsibility on being aware of such violations wherever they occurred to call attention of the proper authorities to these violations and request appropriate

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action be taken. Members of the ARC indicated that they accepted this in the spirit in which it was done and felt that his practice was proper and useful. They concurred in the need for attention to strict security and the faithful implementation of the TALENT procedures to which all have agreed and by which they are bound.

C Configuration Results

14. Mr. Lundahl reported that test materials on the C configuration have been received and that comparative studies are being made from enlargements from B or A-2 configurations and from C of identical areas in the US. He stated that further refinement of certain aspects of the C configuration is under way, but the prospects for a great improvement in the photographic capability of AQUATONE are very good.

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JAMES Q. REBER  
Chairman

JQR:cw  
1-Army  
2-Navy  
3-AF  
4-NSA  
5-Project Director  
6-Chairman  
7-DD/I  
8-OCI  
9-OSI  
10-OSI  
11-ORR  
12-IO  
13-Chief/HTA  
14-TSO  
15-PSO  
16-  
17-TCS chrono

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